

CURRICULUM VITAE

PERSONAL INFORMATION:



FULL NAME	May Manna Wanya
OCCUPATION	Pharmacist (RPh) Graduate Bioinformatician (MS)
CURRENT ADDRESS	Conio Crescent, Gaibodobu street, Tokarara, National Capital District, Papua New Guinea
EMAIL	MayWanya@gmail.com mwanya@charlotte.edu
MOBILE NUMBER	(+675) 75081422/72628680
NATIONALITY	Papua New Guinea
PLACE OF BIRTH	Tabubil, Western Province, PNG
DATE OF BIRTH	26 th of May 1993

EDUCATIONAL BACKGROUND:

University of Papua New Guinea, School of Medicine & Health Sciences, National Capital District, PNG	Year: 2012-2016 Bachelor of Pharmacy
University of North Carolina-Charlotte Charlotte, North Carolina, USA	Year: 2024-2026 Master of Science in Bioinformatics

MEMBER AFFILIATIONS:

- 🚩 Fulbright Scholar 2024-2026
- 🚩 PNG Pharmaceutical Society
- 🚩 Pacific Australia Youth Association (PAYA)
- 🚩 PNG Pharmacy Board

VOLUNTEER ROLES

- 🚩 Vice President of Events- Pacific Australia Youth Association- 2024
- 🚩 Served as Regional Coordinator for Melanesia – Pacific Australia Youth Association (PAYA), 2023
- 🚩 Volunteered and served on the Organizing committee in successfully delivering the Pharmaceutical Society of Papua New Guinea's 7th Biennial Scientific Conference in 2022
- 🚩 Served on the Organizing committee for delivering a successful PNG Assemblies of God National Youth Conference, 2022.

SOCIAL DEVELOPMENT/COMMUNITY PARTICIPATION:

- ✚ Participated in the Survey of Reproductive and Maternal Health Medicine in Health Facilities in PNG conducted by UNDP and the National Department of Health (Year:2016, Sandaun Province; Year: 2017, Morobe Province).
- ✚ Participated in the Health facility Survey of the Availability and Usage of Essential drugs in PNG, conducted jointly by the University of Papua New Guinea, ABT,JTA, and Macfarlane Burnet Institute of Medical Research and Public Health and AUSAid (Year:2013, East New Britain Province).
- ✚ Selected for Niugini Socio-economic and market studies casual research 2020, NCD, conducted by Niugini-Economic Consultants.
- ✚ Participated and served as a team member for The Pacific Australia Youth Association's Youth Leadership Summit in Nuku-Alofa, Tonga, 2023.

TRAINING AND PROFESSIONAL DEVELOPMENT:

- ✚ Completed World Vision's Child and Adult Safeguarding Training, 2021.
- ✚ Completed World Visions Conflict of Interest Training, March, 2022
- ✚ Pharmacy Residency Program, National Department of Health, NCD, 2017(1 year)

LIST OF RESEARCH PROJECTS:

<i>YEAR</i>	<i>RESEARCH TITLE</i>
2025	Desai,N. Wanya,M. and Guo, J-T. "Investigation of protein secondary structure prediction" Guo Lab, Department of Bioinformatics and Genomics, UNC Charlotte, 2025
2018	Wanya,M. and Miere,B. "The Assessment of The Compliance to Good Pharmacy Practices in Hospital Pharmacies in NCD", PNG Department of Health, Pharmacy Branch, 2018.
2016	Wanya,M. and Kigodi,P. "The Assessment of Pharmaceutical Waste Management in the Wewak and Yangoru Saussia Districts of East Sepik Province" School of Pharmacy, PNG University of Medicine and Health Sciences, 2016.

EMPLOYMENT HISTORY:

DATE	EMPLOYER AND POSITION
1. 7 TH JUNE 2018 - 30 TH APRIL 2021	1. PARADISE PRIVATE HOSPITAL Position: Pharmacist Achievements: ✚ Expanded knowledge on clinical pharmacy and drug use ✚ Competent use of Microsoft excel for data inventory ✚ Procurement of quality and affordable medicines from multiple Pharmaceutical suppliers.
2. 7 TH OCTOBER 2021- NOVEMBER 4 TH 2022	2. WORLD VISION PNG Position: TB Community Treatment Support Supervisor Achievements: ✚ Implementing project activities ✚ Data collection and analysis ✚ Working with multi partners and volunteers
3. 7 TH NOVEMBER 2022 – APRIL 2024	3. CITY PHARMACY LIMITED Position: Pharmacist/Manager Achievements: ✚ Competent use of PRONTO retail software ✚ Understanding how to create high commercial performance ✚ Managing variety of activities in parallel. ✚ Performing and delivering while learning and developing
4. JANUARY- DECEMBER 2025	4. GUO LAB, DEPARTMENT OF BIOINFORMATICS AND GENOMICS- UNC, CHARLOTTE Position: MS Research Assistant ✚ Topic: Investigation of Protein Secondary Structure Prediction

KEY SKILLS:

✚ Communication:

✚ Interacting with customers/patients for best decision on pharmaceutical care; interaction with partners, volunteers, beneficiaries and colleagues in community work as a health worker and also as an organizer; a researcher and youth leader.

 Computing	 Experience with Python, R, Linux, SAS, and SQL for Bioinformatics, Health Analytics and Databases.  Experience with most Microsoft software-Excel, Word.  Experience with use of Bioinformatics tools - EMBL-EBI, GenBank, Protein Data bank, DSSP, AlphaFold.
 Technical Competency:	 Result driven with extensive drug knowledge for best patient and customer care.  Supervising community healthcare and working with partner organisations in implementing project activities  Attending to patients, doctors, and nurses queries with drug use;  Experience with implementing action plans and achieving budgets.
 Team Work & Flexibility:	 Strong and flexible team player demonstrated in the workplace where there is staff shortage  Multi-tasking

REFEREES:

NAME	TITLE, CONTACT DETAILS
Dr Jun-Tao GUO	Professor and Chair Department of Bioinformatics and Genomics, College of Computing and Informatics, University of North Carolina, Charlotte, NC, USA Email: jguo4@charlotte.edu Phone: (+1) 704-687-7492
Dr Phillip KIGODI	Professor Discipline of Pharmacy School of Medicine and Health Sciences University of Papua New Guinea, NCD, PNG Email: phillip.kigodi@gmail.com Phone: (+675) 780 20861
Dr Rebekah ROGERS	Associate Professor Department of Bioinformatics and Genomics, College of Computing and Informatics, University of North Carolina, Charlotte, NC, USA Email: rebekah.rogers@charlotte.edu Phone: (+1) 704-687-1321